

FIG. 1

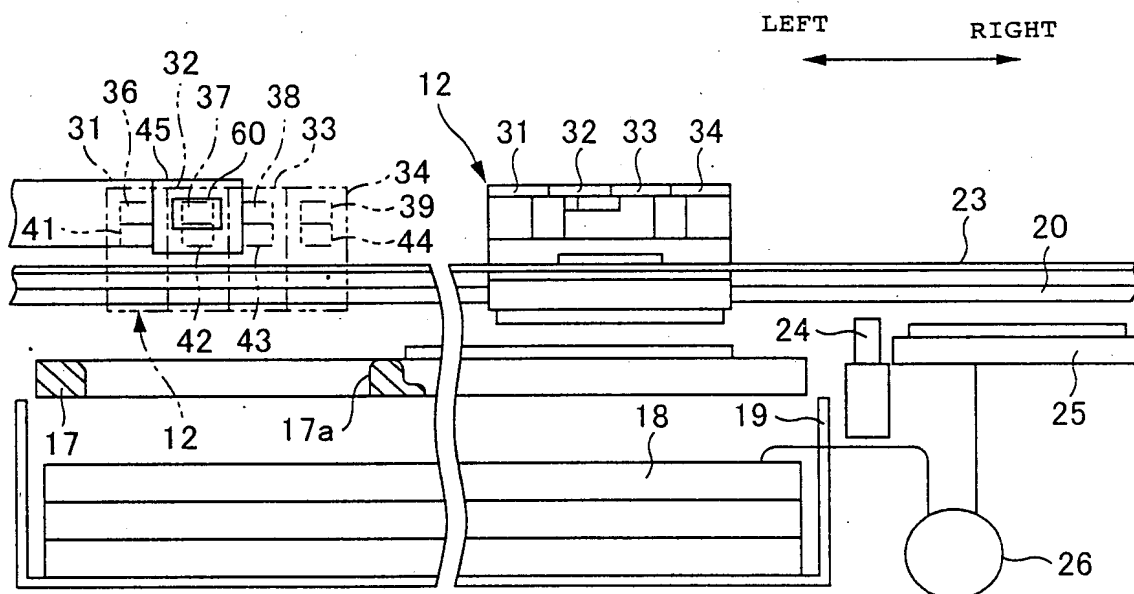


FIG. 2

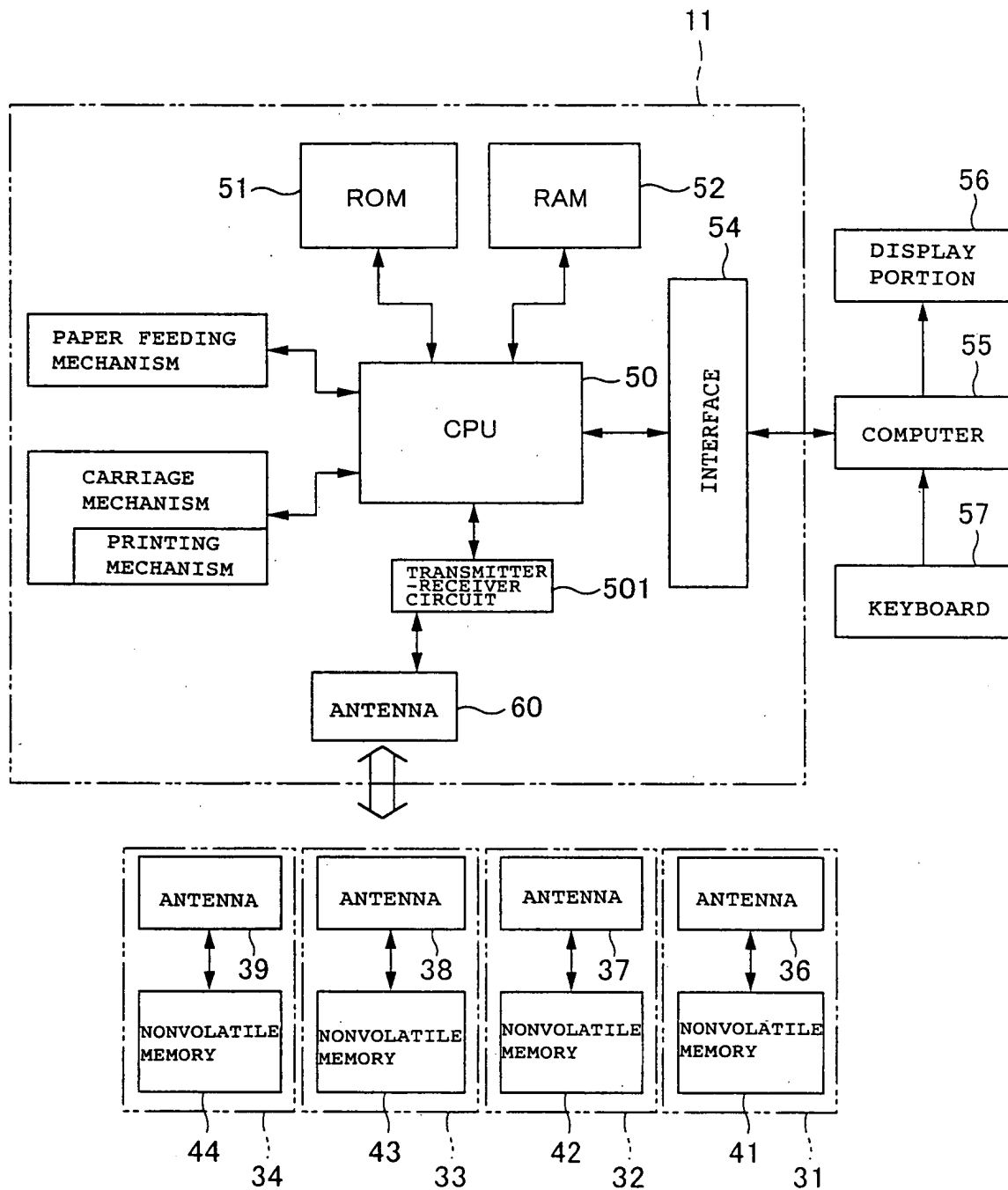


FIG. 3

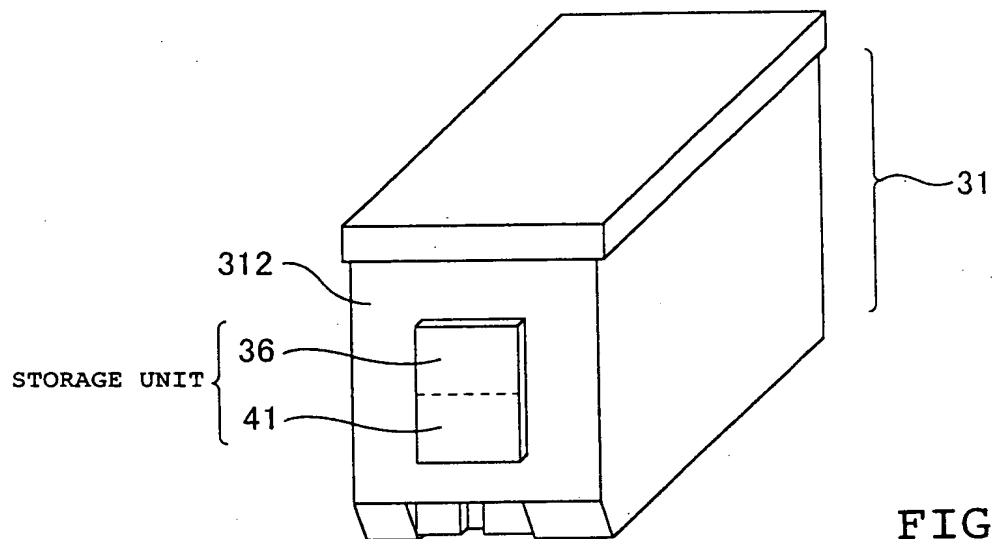


FIG. 4A

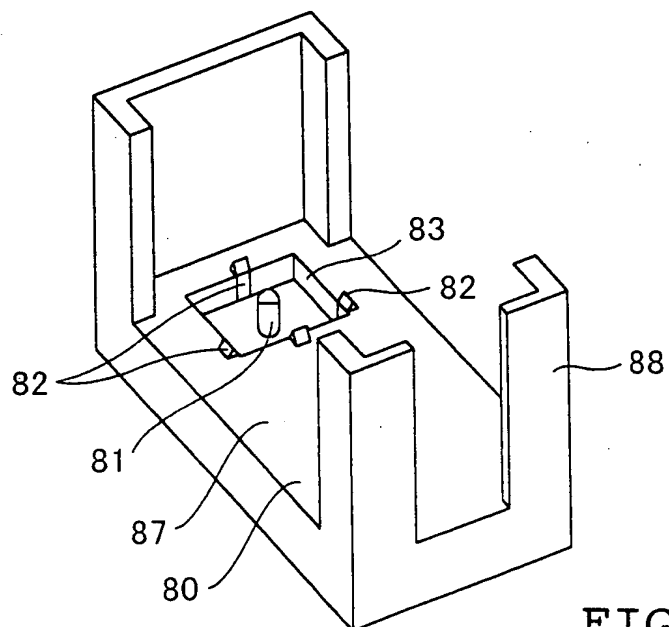


FIG. 4B

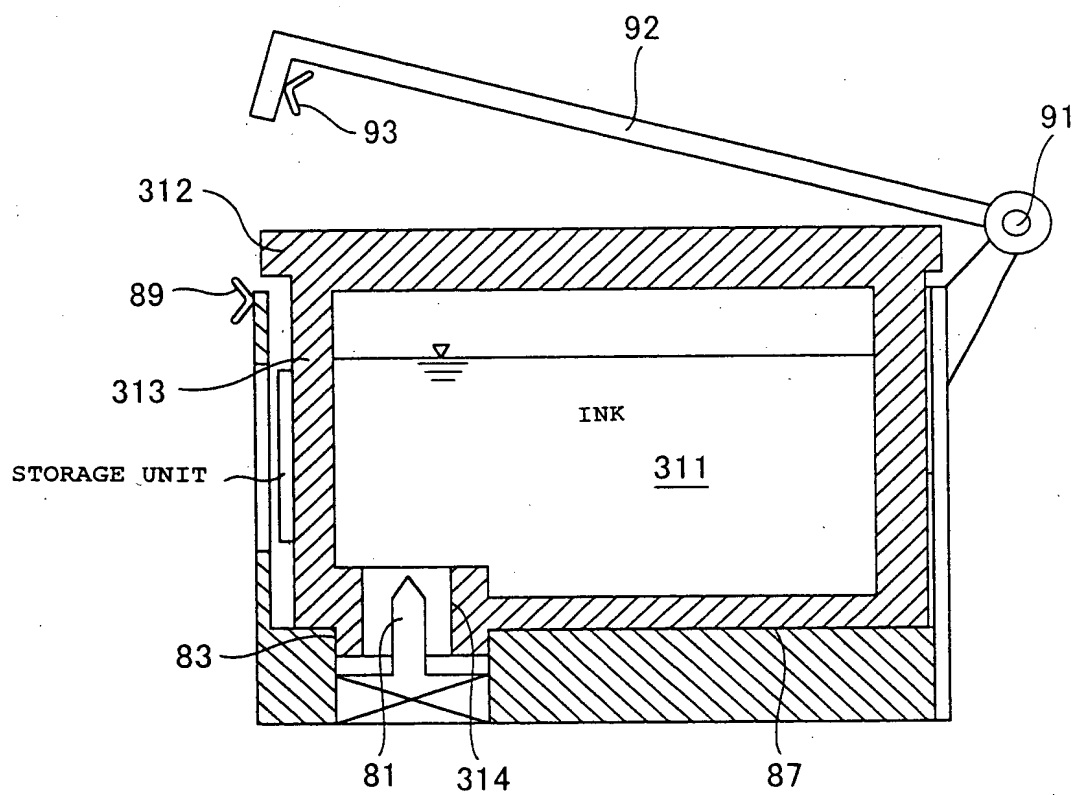


FIG. 5

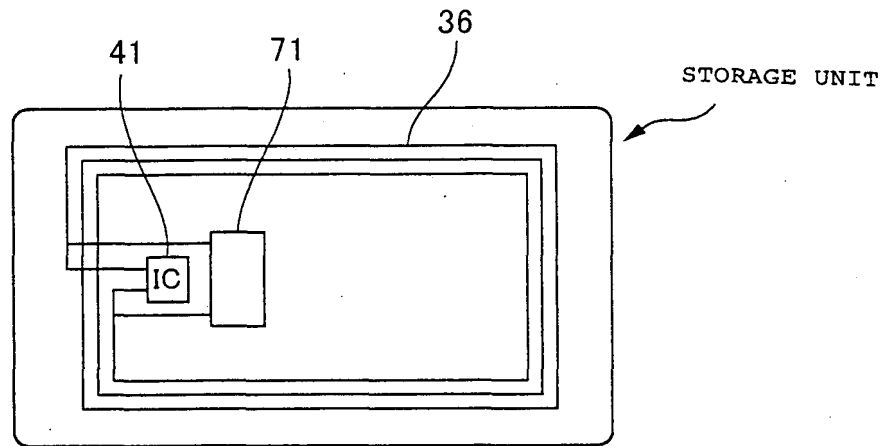


FIG. 6A

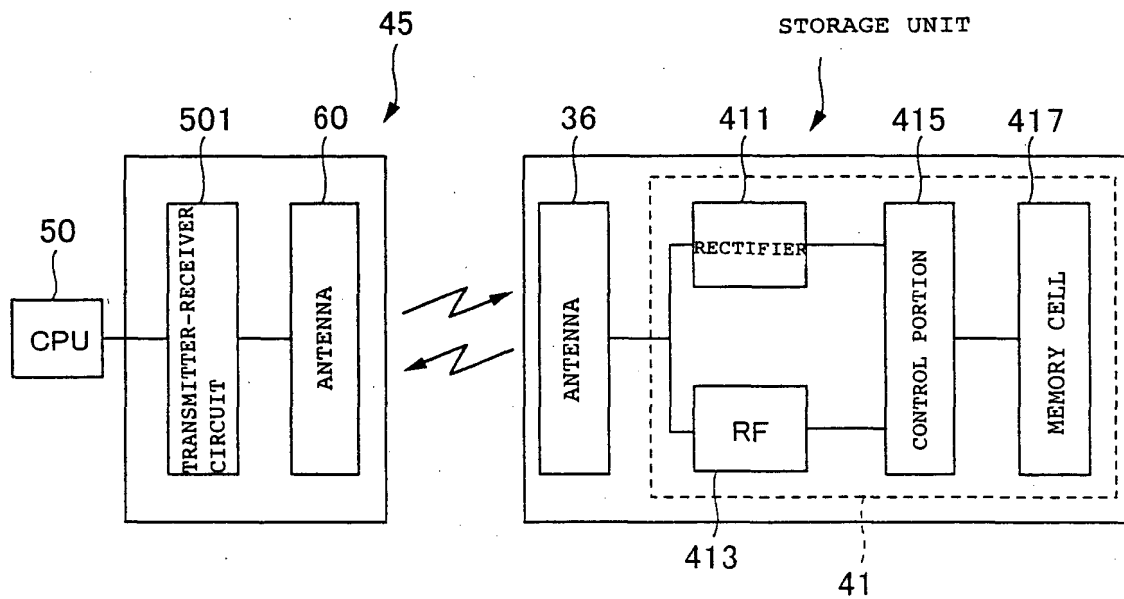
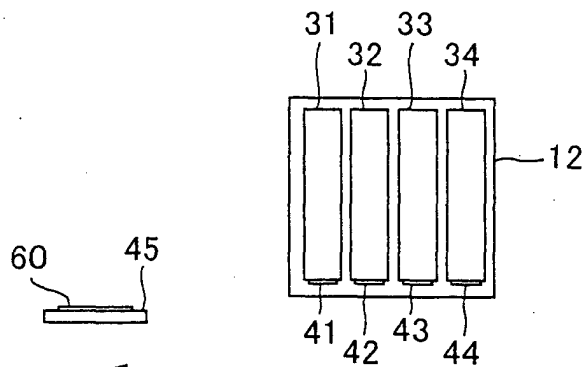


FIG. 6B

MOVEMENT OF CARRIAGE WHEN READING ID INFORMATION

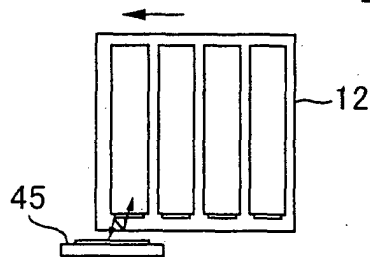
S100

NON ACCESS STATE



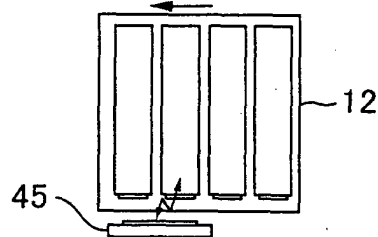
S101

INK CARTRIDGE 31
ACCESS STATE



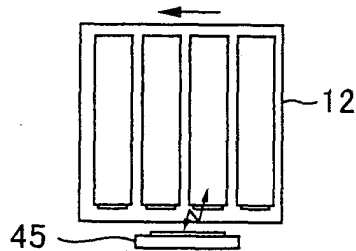
S102

INK CARTRIDGE 32
ACCESS STATE



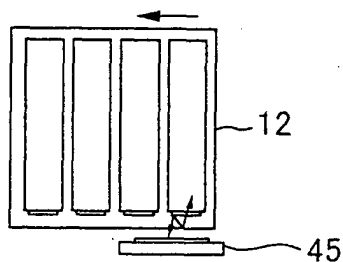
S103

INK CARTRIDGE 33
ACCESS STATE



S104

INK CARTRIDGE 34
ACCESS STATE



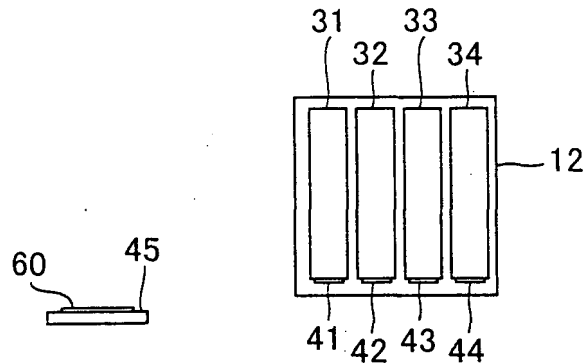
LEFT RIGHT

FIG. 7

MOVEMENT OF CARRIAGE WHEN NOT READING ID INFORMATION

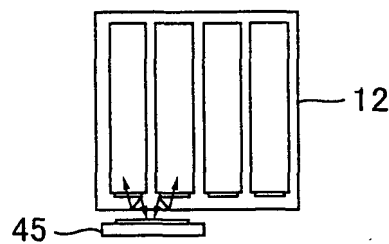
S200

NON ACCESS STATE



S201

INK CARTRIDGES 31, 32
ACCESS STATE



S202

INK CARTRIDGES 33, 34
ACCESS STATE

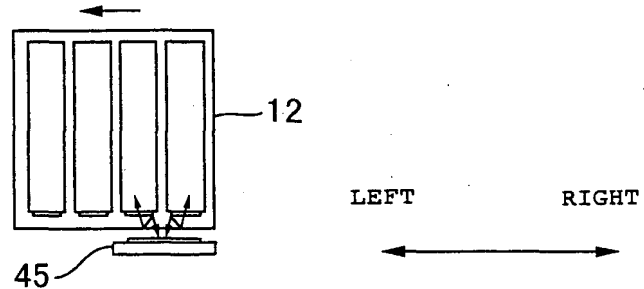


FIG. 8

	START	BEFORE 1ST FLUSHING	AFTER 1ST FLUSHING	BEFORE 2ND FLUSHING	AFTER 2ND FLUSHING	
BLACK (31)	0	54	54	112 (58)	0	
CYAN (32)	0	81	0	78 (78)	78	
MAGENTA (33)	0	32	32	59 (27)	59	
YELLOW (34)	0	13	13	41 (28)	41	

FIG. 9

	THRE SHOLD	START	1ST TIME THRESHOLD IS REACHED	AFTER 1ST WRITING	2ND TIME THRESHOLD IS REACHED	AFTER 2ND WRITING
BLACK (31)	70	0	70	0	56 (56)	56
CYAN (32)	50	0	38	38	50 (12)	0
MAGENTA (33)	50	0	21	21	44 (23)	44
YELLOW (34)	50	0	15	15	28 (13)	28

FIG. 10

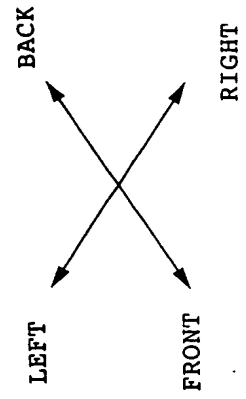
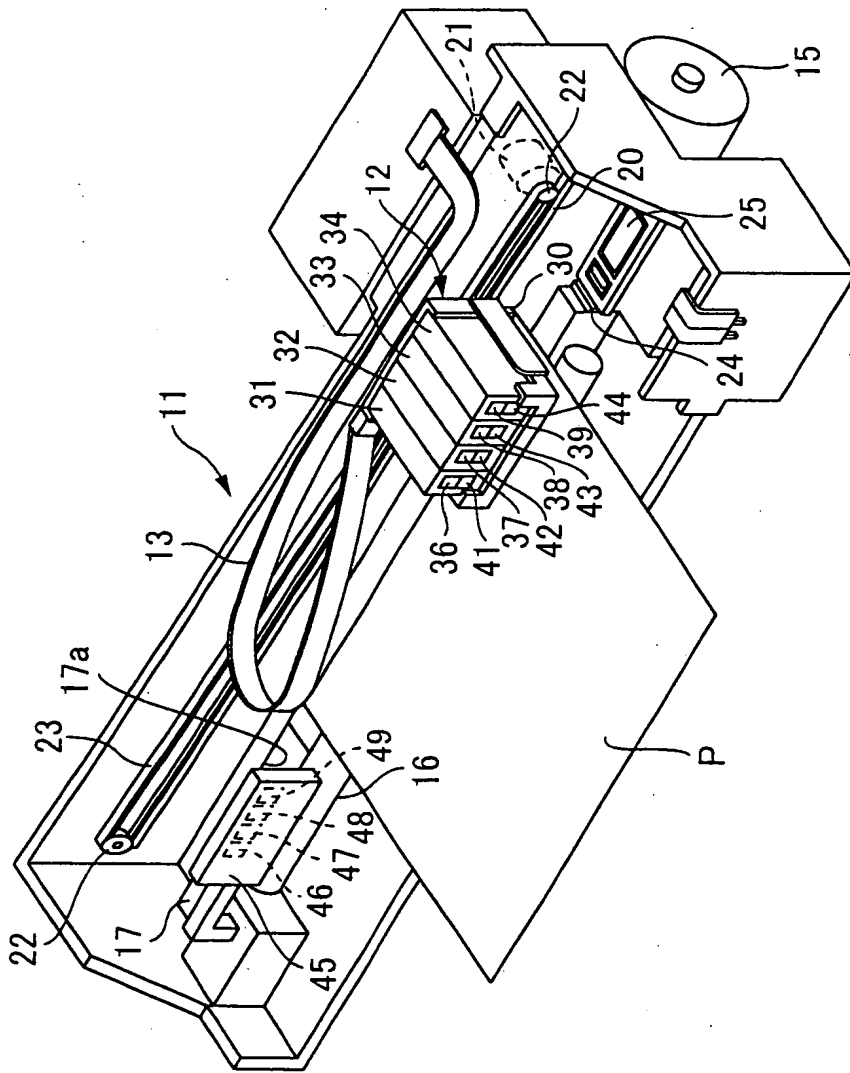


FIG. 11

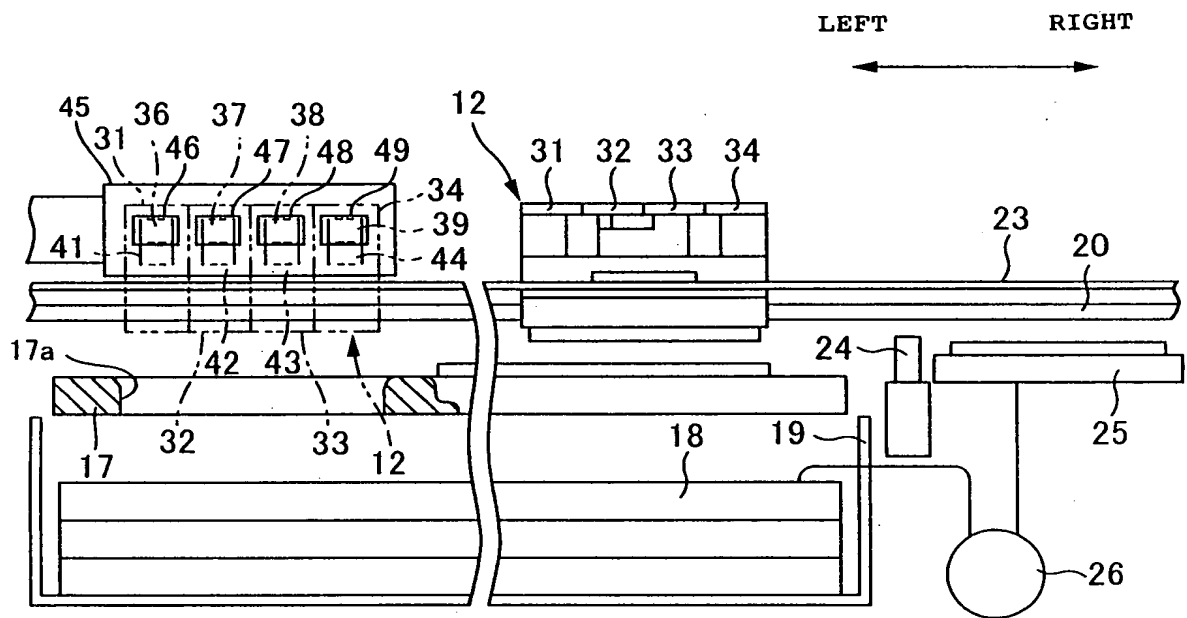


FIG. 12

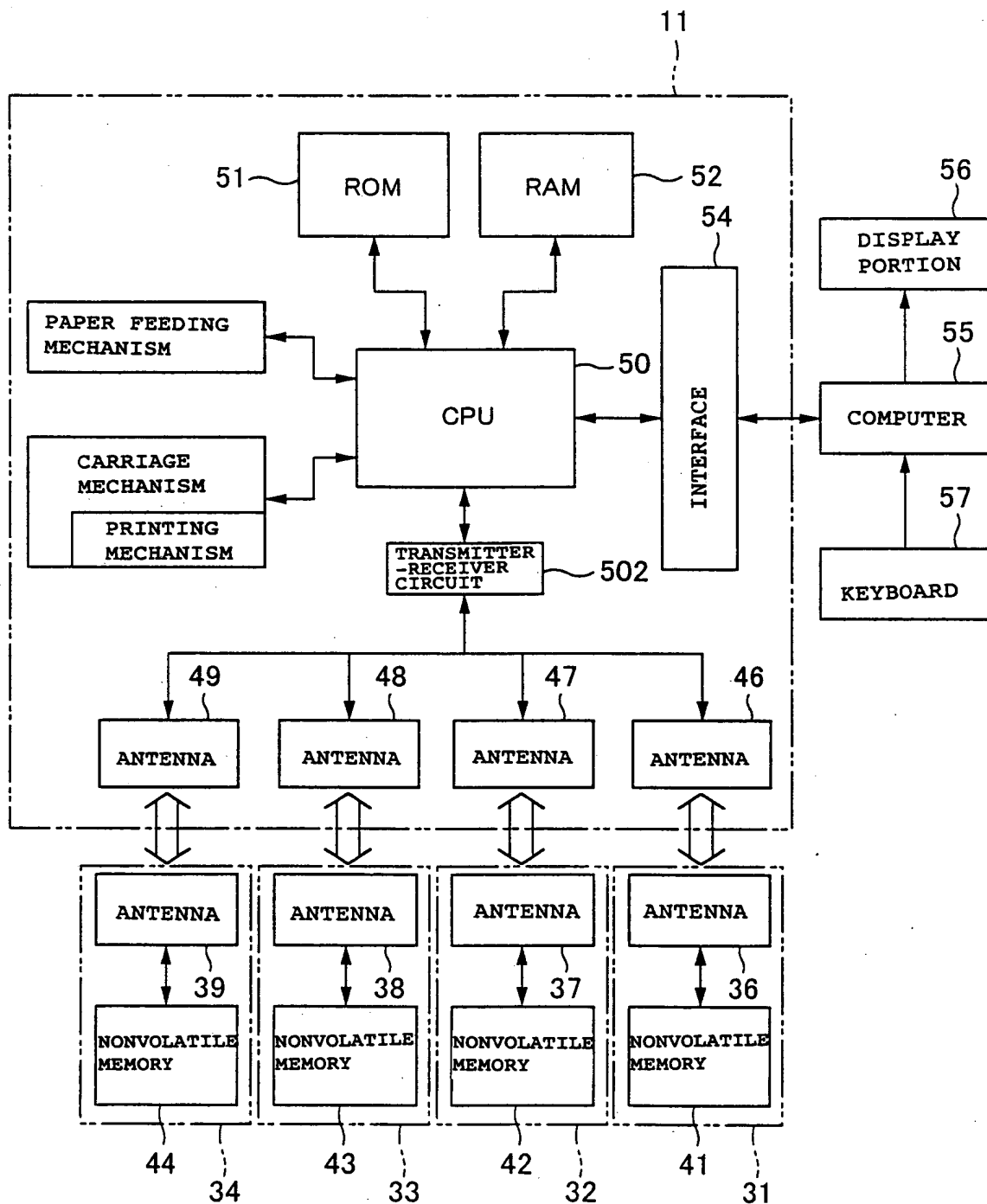


FIG. 13

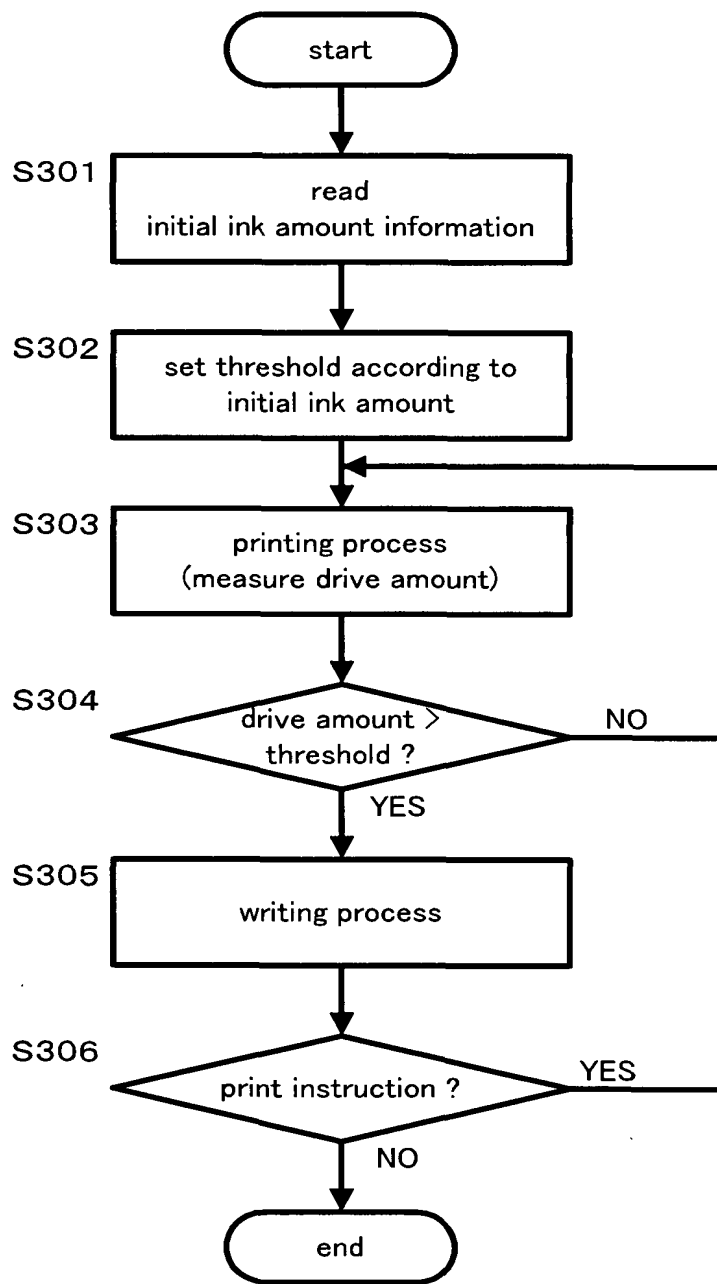


Fig. 14

	thre- shold	start	when first printing is finished	when second printing is finished	
black (31)	1000	0	1364	1869	
cyan (32)	500	0	354	684	
magenta (33)	500	0	279	483	
yellow (34)	500	0	158	306	

Fig. 15

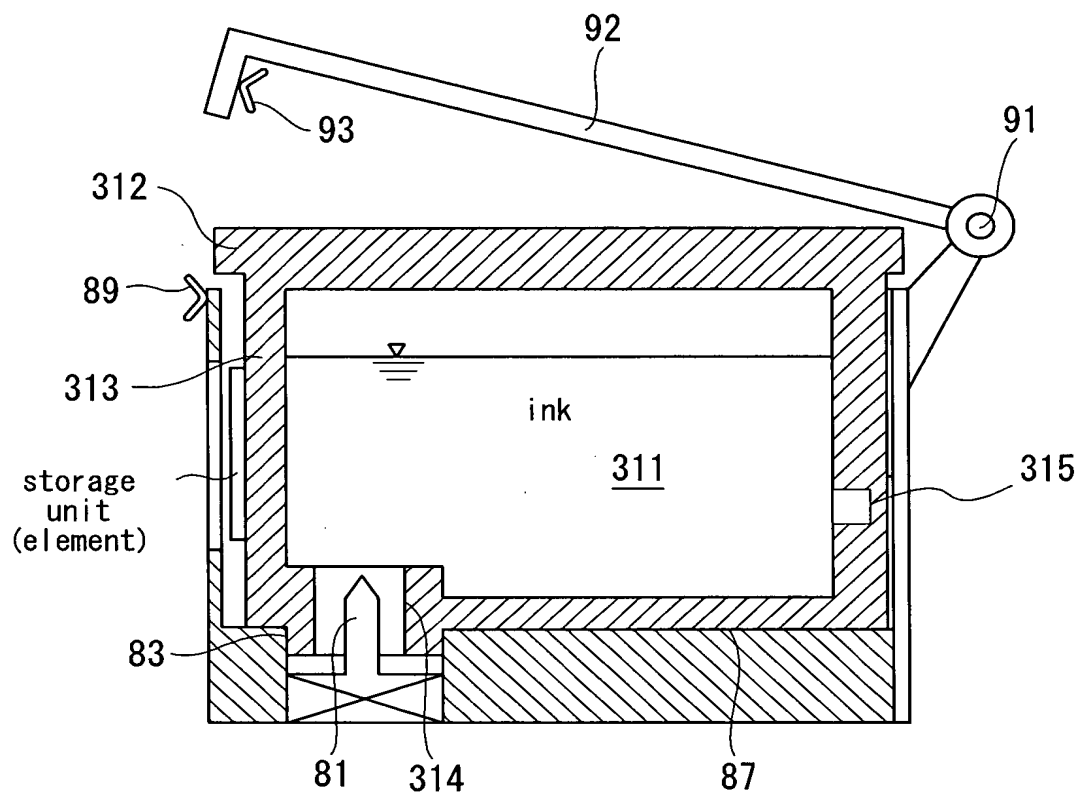


Fig. 16

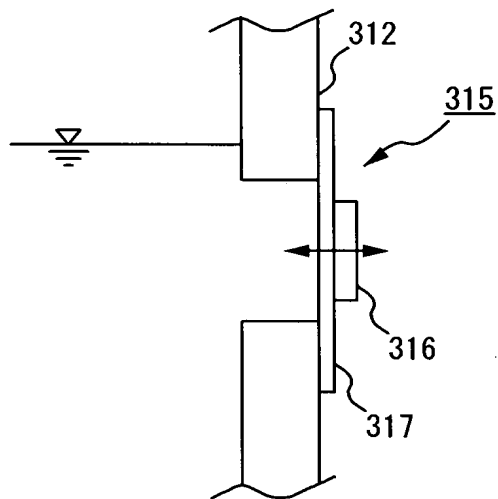


Fig. 17A

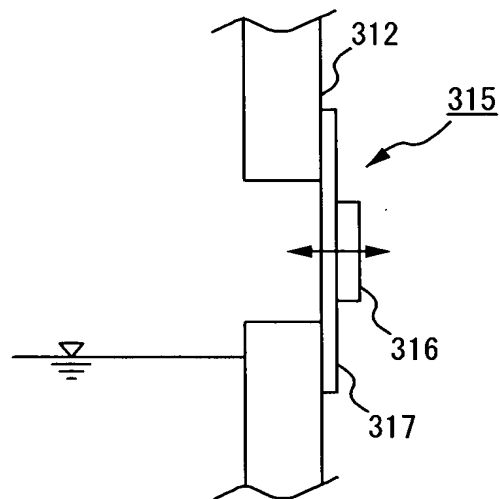


Fig. 17B

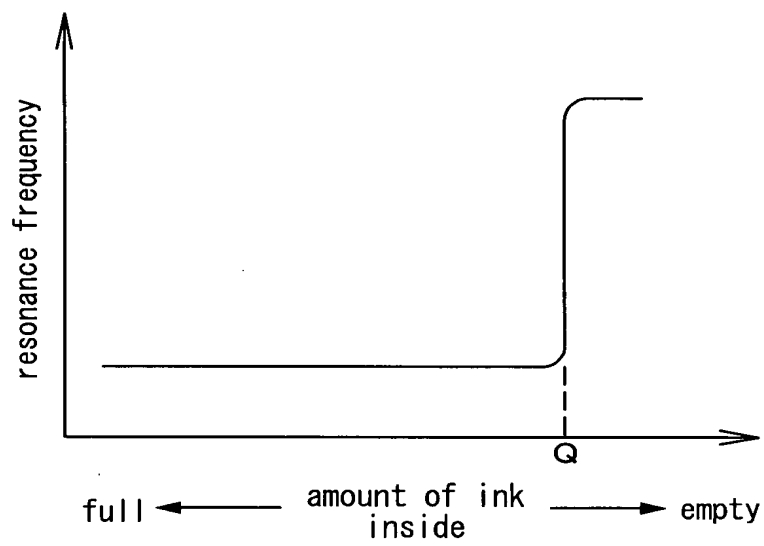


Fig. 18

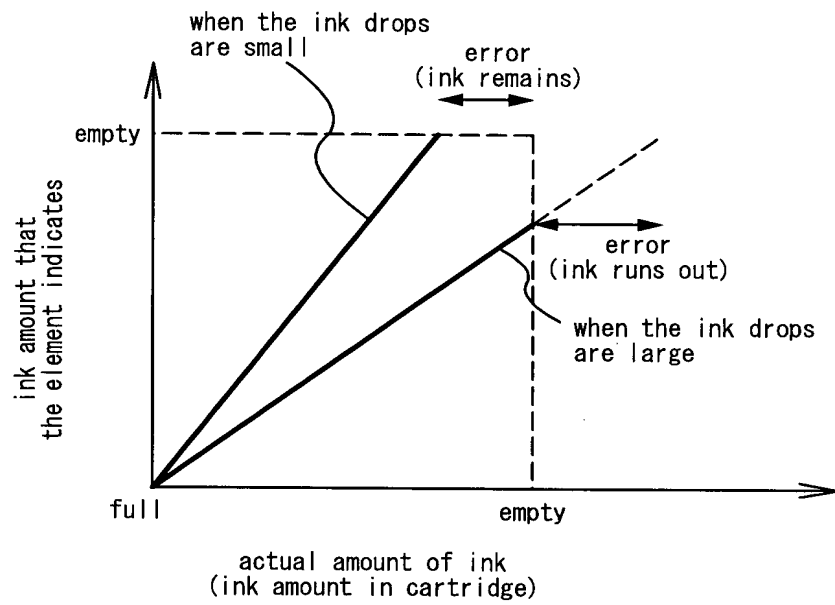


Fig. 19

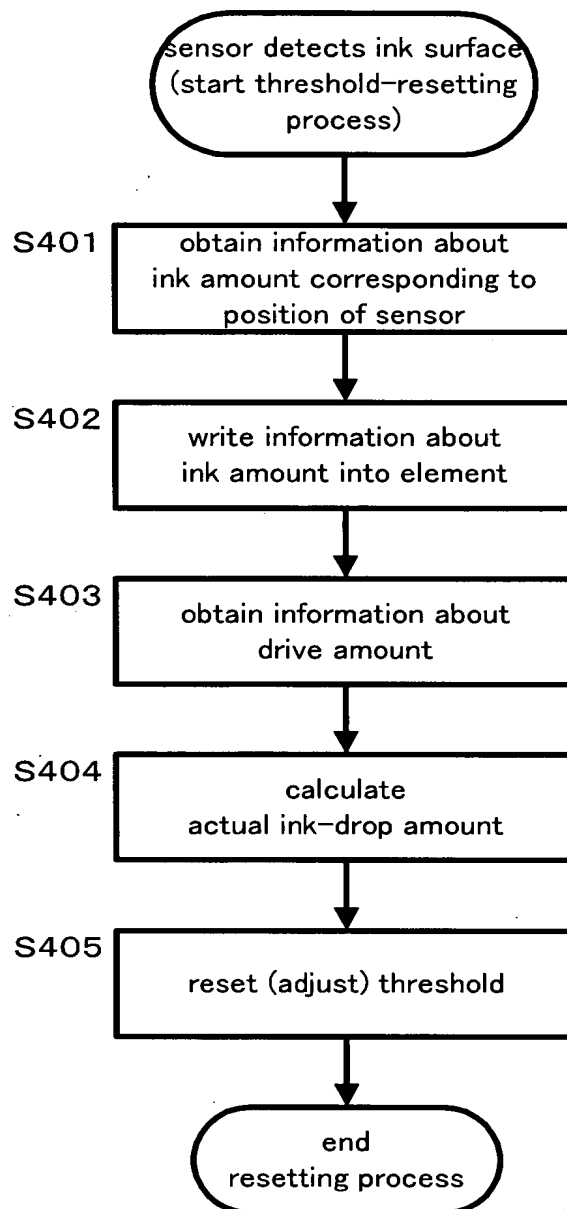


Fig. 20

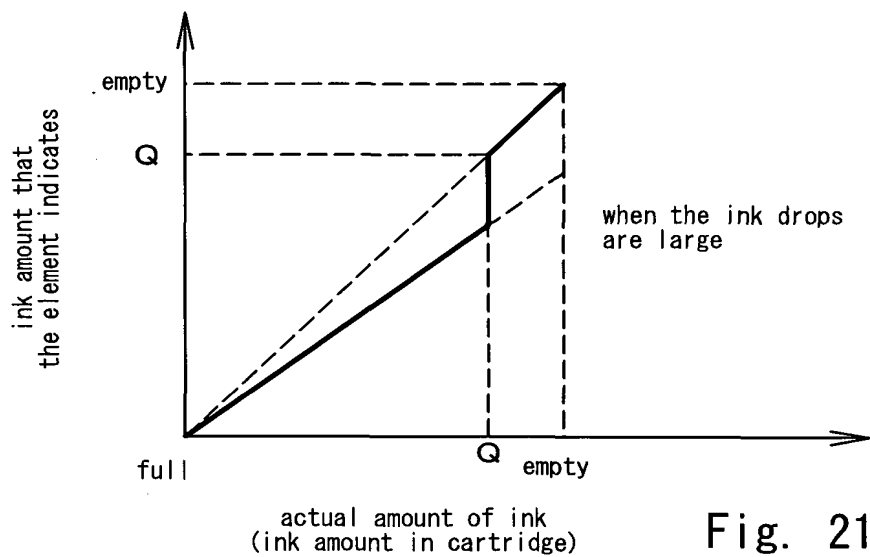


Fig. 21A

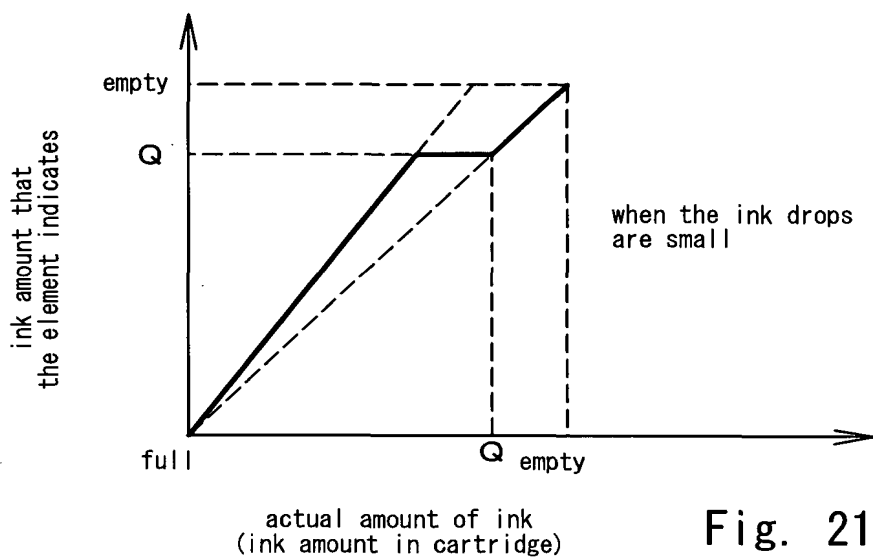


Fig. 21B